

## **Release Notes for IDC Version 2015.0.19**

**(Emin Can Dogrul; DWR)**

This version of IDC includes several new simulation features compared to the previous version. These features are:

- i. Ability of riparian vegetation to have access to stream flows to meet part or all of their evapotranspirative water demands
- ii. Simulation of root water uptake from groundwater

These new features are packaged into a new version of the root zone simulation component, namely the *Root Zone Component Version 4.1*. Previous version without the new features listed above is now referred to as the *Root Zone Component Version 4.0*. The user is required to choose one of these root zone component versions for an IDC application.

It should be noted that since IDC by itself has no capability to simulate stream flows or groundwater elevations, using Root Zone Component Version 4.0 or 4.1 will generate the same results. The difference will only be apparent when IDC is used as part of an integrated hydrologic model such as the Integrated Water Flow Model (IWFM) that simulates both stream flows and groundwater elevations, and that can pass this information to IDC.